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TO: Examiner Carlson

FROM: Mark Hofer

DATE: November 22, 1994

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LEGAL DEPARTMENT
Fax Number (508) 872-5415

Genzyme Corporation, One Mountain Road, Framingham, MA 01701-9322

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Gregory et. al.	Examiner:	Dr. K. Carlson
Serial No.:	08/087,132	Art Unit:	1812
Filed:	July 2, 1993	Docket:	IG4-9.2(FWC)

For: NEW DIAGNOSTIC AND TREATMENT METHODS INVOLVING THE CYSTIC FIBROSIS TRANSMEMBRANE REGULATOR

Box AF
Hon. Commissioner of Patents
and Trademarks
Washington, DC 20231

-- CERTIFICATE OF FACSIMILE TRANSMISSION --
I hereby certify that this correspondence is being transmitted by facsimile to the Honorable Commissioner of Patents and Trademarks, Box AF, Washington, DC 20231, **to (703) 305-3014**, on November 22, 1994.

By: _____
Mark A. Hofer, Esquire, Reg. No. 30,068

Remarks with Proposed Amendment After Final Pursuant to 37 CFR §§ 1.116

SIR:

In the Specification:

Please insert the following text taken verbatim and unintentionally deleted from the 07/488,307 parent application (page 9, lines 16-28 thereof) into the text of the present application at page 10, line 22 thereof. The additional value of this proposed amendment is further explained below.

--Initial attempts to reconstruct the entire CFTR protein coding sequence in high copy number plasmids similar to those reported by Riordan et al., produced only molecules with internal rearrangements and deletions of coding sequence. Such rearrangements can result, for example, from recombination catalyzed by host cell proteins, and they occur primarily between regions of complete or partial nucleotide sequence identity within a DNA molecule, such as are present at